

The following water mains are needed to serve industries in the southern fringe area and also to provide additional fire protection in the central business district area:

A 12 inch water main from First Street and West North Street southward along First Street, thence westward along Old Charlotte Road to Willow Street, thence southward along Willow Street and Willow Street Extension to NC 27 in the vicinity of Jeffries Plant.

An 8 inch water main along Wall Street from Thomas Street to Ellenwood Drive, and along Ellenwood Drive from Wall Street Extension to Ross Drive.

An 8 inch water main along Carpenter Avenue from South First Street to South Fourth Street.

#### SEWER

The major need involving improvements to the sewerage system consists of a new treatment plant and general strengthening of the system. The most important, of course, is the provision of a new treatment plant. Therefore, the following recommendation is made:

Construct new sewage treatment plant and associated lines. The capacity of the new plant has yet to be determined; however, a six-eight million gallon facility should be adequate for the duration of the planning period.

The following recommendations involve sewer line extensions needed to serve rapidly developing areas that are basically residential in character. It must be noted, however, that these recommendations are based on the assumption that sewage treatment facilities will be expanded during the early stages of the 1973-78 period, thereby permitting growing areas to be served by the municipal system.